

## **RAW SEQUENCE LISTING**

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Application Serial Number: 10/567,541  
Source: IFC00  
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RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/10/567,541

DATE: 04/05/2007  
 TIME: 07:42:38

Input Set : E:\NOTAR032.ST25.txt  
 Output Set: N:\CRF4\04052007\J567541.raw

3 <110> APPLICANT: POCCIA, Fabrizio et al.  
 5 <120> TITLE OF INVENTION: Method and diagnostic tests based on flow cytometric analysis of  
 6 antigen-specific T lymphocytes  
 8 <130> FILE REFERENCE: NOTAR-0032US  
 10 <140> CURRENT APPLICATION NUMBER: US 10/567,541  
 11 <141> CURRENT FILING DATE: 2006-02-06  
 13 <150> PRIOR APPLICATION NUMBER: PCT/EP2004/051726  
 14 <151> PRIOR FILING DATE: 2004-08-05  
 16 <150> PRIOR APPLICATION NUMBER: RM2003A000386  
 17 <151> PRIOR FILING DATE: 2003-08-05  
 19 <160> NUMBER OF SEQ ID NOS: 172  
 21 <170> SOFTWARE: PatentIn version 3.3  
 23 <210> SEQ ID NO: 1  
 24 <211> LENGTH: 15  
 25 <212> TYPE: PRT  
 26 <213> ORGANISM: Human immunodeficiency virus type 1  
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 31 1 5 10 15  
 34 <210> SEQ ID NO: 2  
 35 <211> LENGTH: 15  
 36 <212> TYPE: PRT  
 37 <213> ORGANISM: Human immunodeficiency virus type 1  
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 45 <210> SEQ ID NO: 3  
 46 <211> LENGTH: 15  
 47 <212> TYPE: PRT  
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 53 1 5 10 15  
 56 <210> SEQ ID NO: 4  
 57 <211> LENGTH: 15  
 58 <212> TYPE: PRT  
 59 <213> ORGANISM: Human immunodeficiency virus type 1  
 61 <400> SEQUENCE: 4  
 63 Lys Lys Tyr Arg Met Lys His Leu Val Trp Ala Ser Arg Glu Leu  
 64 1 5 10 15  
 67 <210> SEQ ID NO: 5  
 68 <211> LENGTH: 15  
 69 <212> TYPE: PRT

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70 <213> ORGANISM: Human immunodeficiency virus type 1  
72 <400> SEQUENCE: 5  
74 Lys His Leu Val Trp Ala Ser Arg Glu Leu Glu Arg Phe Ala Val  
75 1 5 10 15  
78 <210> SEQ ID NO: 6  
79 <211> LENGTH: 15  
80 <212> TYPE: PRT  
81 <213> ORGANISM: Human immunodeficiency virus type 1  
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86 1 5 10 15  
89 <210> SEQ ID NO: 7  
90 <211> LENGTH: 15  
91 <212> TYPE: PRT  
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96 Arg Glu Leu Glu Arg Phe Ala Val Asp Pro Gly Leu Leu Glu Thr  
97 1 5 10 15  
100 <210> SEQ ID NO: 8  
101 <211> LENGTH: 15  
102 <212> TYPE: PRT  
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118 Ser Leu Tyr Asn Thr Val Ala Val Leu Tyr Cys Val His Gln Arg  
119 1 5 10 15  
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130 1 5 10 15  
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134 <211> LENGTH: 15  
135 <212> TYPE: PRT  
136 <213> ORGANISM: Human immunodeficiency virus type 1  
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144 <210> SEQ ID NO: 12  
145 <211> LENGTH: 15  
146 <212> TYPE: PRT

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151 Ala Thr Pro Gln Asp Leu Asn Met Met Leu Asn Ile Val Gly Gly  
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155 <210> SEQ ID NO: 13  
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157 <212> TYPE: PRT  
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163 1 5 10 15  
166 <210> SEQ ID NO: 14  
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168 <212> TYPE: PRT  
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177 <210> SEQ ID NO: 15  
178 <211> LENGTH: 15  
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202 <213> ORGANISM: Human immunodeficiency virus type 1  
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207 1 5 10 15  
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211 <211> LENGTH: 15  
212 <212> TYPE: PRT  
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221 <210> SEQ ID NO: 19  
222 <211> LENGTH: 15  
223 <212> TYPE: PRT

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228 Leu Gly Leu Asn Lys Ile Val Arg Met Tyr Ser Pro Thr Ser Ile  
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237 <400> SEQUENCE: 20  
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243 <210> SEQ ID NO: 21  
244 <211> LENGTH: 16  
245 <212> TYPE: PRT  
246 <213> ORGANISM: Human cytomegalovirus  
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254 <210> SEQ ID NO: 22  
255 <211> LENGTH: 15  
256 <212> TYPE: PRT  
257 <213> ORGANISM: Human cytomegalovirus  
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265 <210> SEQ ID NO: 23  
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267 <212> TYPE: PRT  
268 <213> ORGANISM: Human cytomegalovirus  
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276 <210> SEQ ID NO: 24  
277 <211> LENGTH: 16  
278 <212> TYPE: PRT  
279 <213> ORGANISM: Human cytomegalovirus  
281 <400> SEQUENCE: 24  
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284 1 5 10 15  
287 <210> SEQ ID NO: 25  
288 <211> LENGTH: 15  
289 <212> TYPE: PRT  
290 <213> ORGANISM: Human cytomegalovirus  
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295 1 5 10 15  
298 <210> SEQ ID NO: 26  
299 <211> LENGTH: 15  
300 <212> TYPE: PRT

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305 Ser Asp Val Arg Pro Ala Phe Ser Leu Phe Pro Ala Arg Pro Gly  
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311 <212> TYPE: PRT  
312 <213> ORGANISM: Human cytomegalovirus  
314 <400> SEQUENCE: 27  
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317 1 5 10 15  
320 <210> SEQ ID NO: 28  
321 <211> LENGTH: 15  
322 <212> TYPE: PRT  
323 <213> ORGANISM: Human cytomegalovirus  
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327 Phe Ala Leu Arg Ile Ile Thr Pro Pro Leu Lys Arg Val Pro Leu  
328 1 5 10 15  
331 <210> SEQ ID NO: 29  
332 <211> LENGTH: 15  
333 <212> TYPE: PRT  
334 <213> ORGANISM: Human cytomegalovirus  
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344 <212> TYPE: PRT  
345 <213> ORGANISM: Human cytomegalovirus  
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356 <213> ORGANISM: Human cytomegalovirus  
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365 <211> LENGTH: 16  
366 <212> TYPE: PRT  
367 <213> ORGANISM: Human cytomegalovirus  
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372 1 5 10 15  
375 <210> SEQ ID NO: 33  
376 <211> LENGTH: 15  
377 <212> TYPE: PRT

**VERIFICATION SUMMARY**

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